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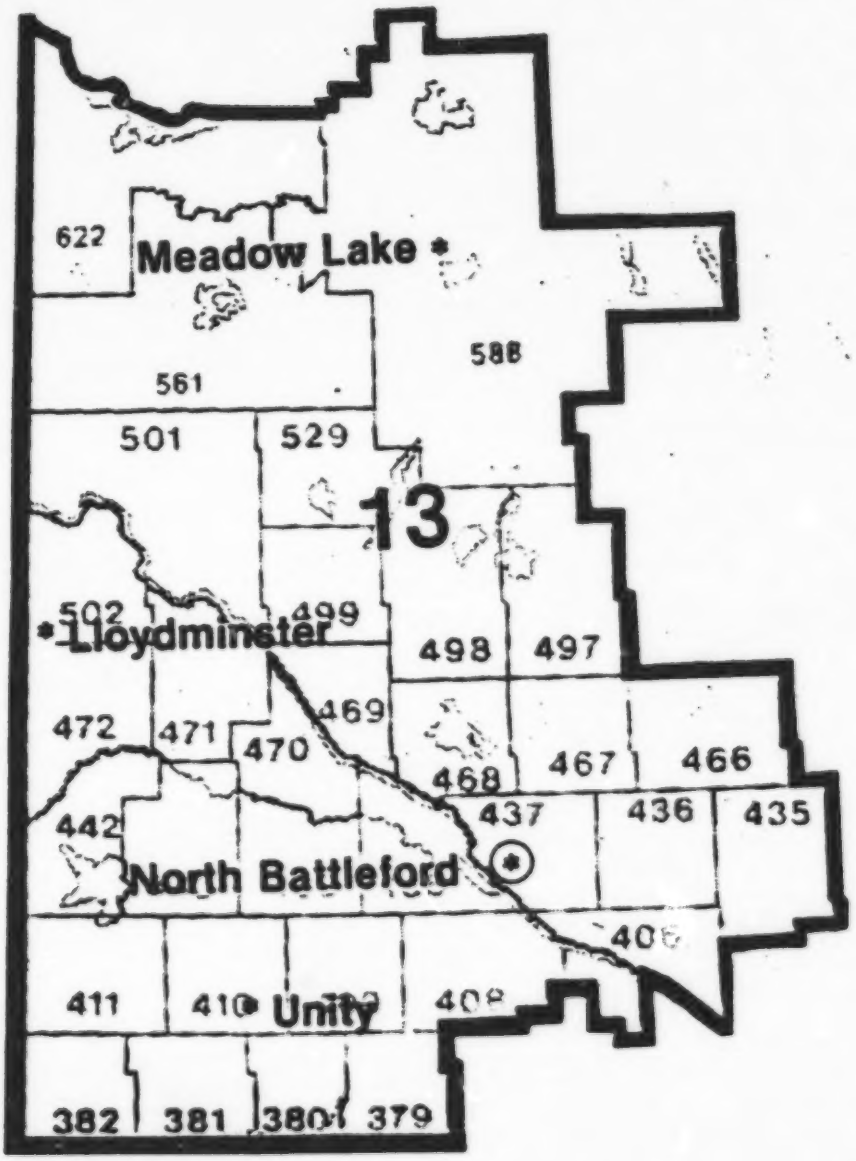
North Battleford Region

NORTH BATTLEFORD HEALTH REGION # 13

ANNUAL REVIEW

1987 - 1988

Saskatchewan



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PERSONNEL

(at March 31, 1988)

North Battleford

Dr. Paul F. Schnee, Regional Director & Medical Health Officer
Gwen Johnstone, Nursing Supervisor
Jean Leitner, P.H.N. II
Shelley Robinson, P.H.N.
Bev Hill, P.H.N.
Rhonda Patterson, P.H.N.
Karen Cubbon, P.H.N.
Evelyn Rothenburger
Charolotte Hamilton, P.H.N.
Sherry Robinson, P.H.N.
Jette Da Silva, P.H.N.
John Johnson, Senior Public Health Inspector
Richard Koroluk, P.H.I.
Ken Startup, P.H.I.
Darlene Meeds, P.H.I. (on maternity leave)
Catherine Richardson, Speech/Language Pathologist
Rupal Bonli, Early Childhood Psychologist
Maggie Pioro, Nutritionist
Carla Pattinson, Clerk-Typist IV
Yvonne Gratton, Clerk-Typist II
Louise Sendecki, Clerk-Typist II
*Donna Bruynooghe, Clerk-Typist II
*Sandra Doroshenko, Clerk-Typist II
*Sharon Kozak, Clerk I
Dr. Ken Richardson, Chiropodist
Glenna Swanson, Chirepody Assistant
Haila McHugh, Community Therapist
Pam Pierson, Dental Health Educator

Lloydminster

Joyce Rutherford, P.H.N. (on definite leave)
Kathy Bloch-Hansen, P.H.N.
Dawn McKenzie-Weinhandl, P.H.N.
*Darlene Morgan, P.H.N.
Glenys Coleman, P.H.N.
*Leanne Sauer, P.H.N.
Sandy Gillatt, P.H.N.
*Kathy Dumouchel, Community Therapist
Lynne Leard, Clerk Typist II
*Virginia O'Rourke, Clerk-Typist II
*Doreen Gallant, Clerk-Typist II (casual)
Kathy Moore, P.H.I.
*Orlene Martens, Speech/Language Pathologist

Meadow Lake

Irmgard Carbert, P.H.N.
Ruth Hollis, P.H.N.
*Susan Mamer, P.H.N.
*Sheila Hart, P.H.N.
Bernadette LeBoeuf, Dental Health Educator
Steven Deegan, P.H.I.
*Joan Casper, Clerk-Typist II
*Carolyn Vidal, Clerk-Typist II (on maternity leave)

Unity

Carol Ryan, P.H.N. (on maternity leave)
*Kathy Johnson, P.H.N.
*Yvonne Weisner, P.H.N.
*Mary Sirrs, Clerk I

* Indicates part-time

PERSONNEL CHANGES
(April 1, 1987 - March 31, 1988)

NORTH BATTLEFORD OFFICE

Rhonda Patterson, Public Health Nurse I, commenced maternity leave April 20, 1987 and returned December 31, 1988 on a casual basis, and full time - January 20, 1988.
Deanna Kormish, Clerk-Typist II, part-time, resigned effective May 22, 1987.
Peter Ross, Public Health Inspector Trainee was employed June 1, 1987 to August 21, 1987.
Tarie Kinzel, Early Childhood Psychologist, resigned July 30, 1987.
Pam Pierson, Dental Health Educator, commenced September 28, 1987.
Maggie Pioro, Regional Nutritionist, took a two month leave of absence from September 1, 1987 to October 31, 1987.
Charlotte Hamilton, Public Health Nurse I, began full-time employment November 16, 1987. She was working part-time prior to this.
Sandy Doroshenko, Clerk-Typist II, commenced part-time employment November 30, 1987.
Evelyn Rothenburger, Public Health Nurse I, commenced full-time employment December 14, 1987.
Rupal Bonli, Early Childhood Psychologist, transferred from Melfort Health Region January 4, 1988.
John Johnson, Senior Public Health Inspector, transferred from Rosetown Health Region on January 4, 1988. He was previously twinned with North Battleford and Rosetown.
Deborah Cortus, Public Health Nurse I, part-time, terminated her employment January 18, 1988.
Darlene Meeds, Public Health Inspector, began maternity leave March 14, 1988.

MEADOW LAKE OFFICE

Cindy Hanson, Public Health Nurse I began maternity leave September 1, 1987 and resigned from this leave on January 5, 1988.
Ruth Hollis, Public Health Nurse I, began temporary employment November 2, 1987.
Bernie LeBoeuf, Dental Health Educator, tranferred from Dental Plan August 31, 1987.
Carolyn Vidal, Clerk-Typist II, began maternity leave October 22, 1987.
Joan Casper, Clerk-Typist II, part-time, commenced work December 3, 1987, to fill the vacancy caused by the maternity leave.

LLOYDMINSTER OFFICE

Kathy Bloch-Hansen, Public Health Nurse I, returned from maternity leave June 23, 1987.
Diana Gibbs, Speech-Language Pathologist, resigned affective June 30, 1987.
Irene Hauth, Public Health Nurse I, retired June 30, 1987 after 17½ years service.
Kathy Moore, Public Health Inspector, returned to work part-time August 4, 1987.
Sandy Gillatt, Public Health Nurse, worked full-time from November 2/87 to March 31/87.
Glenys Coleman, Public Health Nurse, changed from temporary to full-time status November 1987.

UNITY OFFICE

Carol Ryan, Public Health Nurse I, began maternity leave April 6, 1987, then worked on a casual basis from January 18, 1988.

TURTLEFORD OFFICE

Elena Sutton, Community Therapist, resigned effective April 30, 1987, thereby closing the Turtleford District Office.

THE BATTLEFORDS HEALTH DISTRICT #1

Municipalities	Municipal Health Councillors
North Battleford	Glen Hornick, Box 732, N. Battleford, S9A 2Y9 Dr. Mary McPhail, 500-11 Ave., N. Battleford S9A 2S6 J.A. Amos, 1411-113th St., N. Battleford, S9A 2M3 Tom Donahue, 1751-104th St., N. Battleford, S9A 1P8 Bob Clipperton, 1322-97th, N. Battleford, S9A 0J9 William Wheeldon, 2203 Douglas Ave., N. Battleford S9A 3K8 Donna Challis, 9038-16th Ave., N. Battleford, S9A 2T7
Battleford (Town)	Joe Degenstien, Box 466, Battleford, SOM 0E0

NORTH BATTLEFORD RURAL HEALTH DISTRICT #2

Municipalities	Municipal Health Councillors
R.M. 377, Glenside	Joan Rayner, R.R. #1, Baattleford, S9A 2X3
R.M. 406, Mayfield	Dave Roberts, Box 118, Radisson, S0K 3L0
-Denholm (Village)	Harry Moffatt, Denholm, S0M 0R0
-Maymont (Village)	Janice Richardson, Maymont, S0M 1T0
-Ruddell (Village)	Ken Wilkinson, Box 21, Ruddell, S0M 2S0
R.M. 408; Prairie	Roland Radchenko, R.R. #1, Battleford, S0M 0E0
R.M. 435, Redberry	Alan J. Tanchak, Box 160, Hafford, S0J 1A0
-Hafford (Village)	Adam Herman, Hafford, S0J 1A0
-Krydor (Village)	William Grewa, Krydor, S0J 1K0
R.M. 436, Douglas	Ron A. Tanchak, Speers, Saskatchewan, S0M 2V0
- Richard (Village)	Leslie Johnston, Richard, S0M 2P0
- Speers (Village)	Thomas E. Nicholson, Speers, S0M 2V0
R.M. 437 (North Battleford)	Mrs. Mary Weir, 1704 Gregory Drive, N. Battleford, S9A 3E2
R.M. 438, Battle River	George Jackson, Box 458, Battleford S0M 0E0
R.M. 439, Cut Knife	Ernie How, Box 296, Cut Knife, S0M 0N0
- Cut Knife (Town)	Marion Serafini, Box 16, Cut Knife, S0M 0N0
- Rockhaven (Village)	Don Rowat, Rockhaven, S0M 2R0
R.M. 440, Hillsdale (Half R.M.)	Harvey Ramsay, Baldwinton, S0M 0B0

Municipalities	Municipal Health Councillors
R.M. 466, Meeting Lake	Marion Toews, Mayfair, SOM 1SO
R.M. 467, Round Hill	Walter Ewanchuk, R.R. 31, Mayfair, SOM 1SO
-Rabbit Lake (Village)	Ian McLennan, Box 9, Rabbit Lake, SOM 2LO
R.M. 468, Meota	
-Meota (Village)	Viola MacLeod, Meota, SOM 1XO
-Metinota	Dick Bunce, 1401-107th St., North Battleford, S9A 1Z8
R.M. 497, Medstead	Emil Larson, Medstead, SOM 1WO
-Medstead (Village)	Darrin Beaudoin, Box 148, Medstead, SOM 1WO
R.M. 498, Parkdale	Lawrence D. Ferguson, Glaslyn, SOM OYO
-Glaslyn (Village)	Lloyd Dimond, Box 430, Glaslyn, SOM OYO

UNITY HEALTH DISTRICT #3

Municipalities	Municipal Health Councillors
R.M. 379, Redford	Robert Pernitsky, Box 500, Wilkie, SOK 4WO
-Landis (Village)	Agnes Small, Landis, SOK 2KO
R.M. 380 (Tramping Lake)	Frank F. Laturnus, Box 101, Tramping Lake, SOK 4HO
-Scott (Town)	Charles Schneider, Scott, SOK 4AO
R.M. 381, Grass Lake	Mr. Vern Schaab, Unity, SOK 4LO
-Salvador (Village)	Ruth Gerling, Box 65, Salvador, SOL 2WO
R.M. 382, Eye Hill	Norbert Leibel, Box 116, Denzil, SOL OSO
-Macklin (Town)	John F. Feser, Box 308, Macklin, SOL 2CO
-Denzil (Village)	Mr. Eric Schechtel, Denzil, SOL OSO
-Evesham (Village)	Eunice Partington, Evesham, SOL 1BO
-Primate (Village)	Mr. Randy Kohlman, Box 35, Primate, Sask. SOL 2SO
R.M. 409, Buffalo	Diane L. Sander, Box 905, Wilkie SOK 4WO
-Wilkie (Town)	Katherine L. Campbell, Box 395, Wilkie SOK 4WO
R.M. 410, Round Valley	Darwyne Rewerts, Box 86, Cut Knife, SOM ONO
-Unity (Town)	Lee Wade, Box 113, Unity, SOK 4LO
-Adanac (Village)	Victoria Ralston, Box 1736, Unity, SOK 4LO
R.M. 411, Senlac	Mrs. Muriel Claughton, Box 1353, Unity, SOK 4LO
-Senlac (Village)	Garry H. Bradshaw, Box 23, Senlac, SOL 2YO

LLOYDMINSTER RURAL HEALTH DISTRICT #4

Municipalities	Municipal Health Councillors
R.M. 440 Hillsdale (half RM)	Garth Hollingshead, Neilburg, SOM 2CO
-Neilburg (Village)	Norman Peart, Neilburg, SOM 2CO
R.M. 442, Manitou Lake	Neil G. Lamb, Lashburn, SOM 1HO
-Marsden (Village)	Jean Brannick, Marsden, SOM 1PO
R.M. 470, Paynton	S. Arthur Jones, Box 259, Paynton, SOM 2JO
-Paynton (Village)	Ronald Falcon, Box 54, Paynton, SOM 2JO
R.M. 471, Eldon	
-Maidstone (Town)	Vicki Seabrook, Box 208, Maidstone, SOM 1MO
-Waseca (Village)	Carol Hamelin, Waseca, Sask. SOM 3AO
R.M. 472, Wilton	Susan Graham, Box 42, Lone Rock, SOM 1KO
-Lashburn (Town)	Beth Martens, Box 29, Marshall, SOM 1RO
-Marshall (Village)	Sylvia Broley, Marshall, SOM 1RO
R.M. 502, Britannia	James M. Oliver, R.R. #2, Lloydminster, S9V 0X7

TURTLEFORD HEALTH DISTRICT #5

Municipalities	Municipal Health Councillors
R.M. 469, Turtle River	Owen Jones, Box 53, Vawn, SOM 2ZO
-Edam (Village)	Clarence Hanson, Edam, SOM OVO
-Vawn (Village	Ernest Fortier, Vawn, SOM 2ZO
R.M. 499, Mervin	Jack McMurphy, Turtleford, SOM 2YO
-Mervin (Village)	John T. Otteson, Box 44, Mervin, SOM 1YO
-Turtleford (Town)	Frank Dopson, General Del., Turtleford, SOM 2YO
R.M. 501 Frenchman Butte	J.Baptiste Larre, St. Walburg, SOM 2TO
-St. Walburg (Town)	Josephine Prosser, Box 400, St. Walburg, SOM 2TO
-Paradise Hill (Village)	Richard S. Dundas, Paradise Hill, SOM 2GO
R.M. 529, Greenfield	Wayne Kykkanen, Box 193, St. Walburg, SOM 2TO
-Spruce Lake (Village)	Lucien Briere, Spruce Lake, SOM 2WO

MEADOW LAKE HEALTH DISTRICT #6

Municipalities	Municipal Health Councillors
R.M. 561 Loon Lake	Paul Pospisil, Box 401, Loon Lake SOM 1LO
-Loon Lake (Village)	Dr. Frank Scott, Box 190, Loon Lake, SOM 1LO
-Makwa (Village)	Frank Bertrand, Makwa, SOM 1NO
R.M. 588, Meadow Lake	Chester Olson, Box 156, Meadow Lake SOM 1VO
-Meadow Lake (Town)	Doug Cook, Box 2386, Meadow Lake, SOM 1VO
R.M. 622 Beaver River	Siegfried Bansch, Goodsoil, SOM 1AO
-Goodsoil (Village	Mary Slager, Goodsoil, SOM 1AO
-Pierceland (Village)	Marlene Pikowicz, Pierceland SOM 2KO
-Green Lake (Northern Village)	Raymond Moskowec, Box 9, Green Lake, SOM 1BO

LLOYDMINSTER CITY HEALTH DISTRICT #7

Municipalities	Municipal Health Councillors
Lloydminster (City)	Mayor P. Gulak, 4702-38th St., Lloydminster S9V 0B7
	H. Flieger, 5635-46th St., Lloydminster T9V 0E6
	D. Arthur, c/o 5011-49th Ave., Lloydminster, S9V 0T8
	C. MacKay, 5314-45th St., Lloydminster, S9V 0B7
	R. Starke, 2901-56 Ave., Lloydminster, T9V 2B2
	R. Summers-Gill, 5613-35th St., Lloydminster, T9V 1S1
	J. Vinek, 5008-47th St., Lloydminster, T9V 0E9

VITAL EVENTS (Including Reserves)

YEAR	BIRTHS	DEATHS	INFANT DEATHS	NEONATAL DEATHS	PERINATAL DEATHS	STILL BIRTHS	INFANT DEATH RATE	PERINATAL DEATH RATE
1984	1,610	575	15	7	19	13	9.32	11.71
1985	1,675	644	19	13	18	8	11.34	10.70
1986	1,557	658	11	7	11	5	7.06 (8.8)	7.04 (8.25)
1987	1,488	591	12	5	10	6	8.06	6.69

BIRTHS (1987, Including Reserves)

Births by Mothers' Age and Marital Status

AGE	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45+	TOTAL	%
Total	4	182	488	507	239	59	8	1	1488	100
Married	0	23	308	417	194	41	6	1	990	67
Other	4	159	180	90	45	18	2	0	498	33

BIRTH RATE AND NATURAL INCREASE (Including Reserves)

YEAR	BIRTHS	DEATHS	POPULATION	NATURAL INCREASE	TOTAL INCREASE	CRUDE BIRTH RATE (per 1,000)
1984	1,610	575	91,900	1,035	1,838	17.52
1985	1,675	644	93,378	1,031	1,478	17.94
1986	1,557	658	95,138	899	1,761	16.37
1987	1,488	591	95,140	897	2	15.64

CAUSES OF DEATH (1987, Including Reserves)

CAUSES	ALL AGES TOTAL	ALL AGES MALE	ALL AGES FEMALE	AGE CATEGORIES 15	AGE CATEGORIES 15-64	AGE CATEGORIES 65+
All causes of death	591	324	267	24	155	412
Infectious Diseases	2	1	1	1	0	1
Cancer	164	90	74	2	59	103
Endocrine & Metabolic Diseases	12	7	5	0	2	10
Disease of Blood Forming Organs	2	1	1	0	0	2
Mental Disorders	2	1	1	0	0	2
Diseases of the Nervous System	13	5	8	2	7	4
Heart and Blood Vessels	238	128	110	1	41	196
Diseases of Respiratory System	47	30	17	2	6	39
Digestive System	25	10	15	0	4	21
Diseases of Urinary System	12	6	6	0	0	12
Musculoskeletal & Connective Tissue	1	1	0	0	0	1
Congenital Anomalies	4	3	1	3	0	1
Conditions in Perinatal Period	3	2	1	3	0	0
Symptoms & Ill-Defined Conditions	13	5	8	3	1	9
Transport Accidents	24	16	8	2	19	3
Other Accidents, Poison and Fire	19	11	8	5	8	6
Suicide and Self-Inflicted Injury	10	7	3	0	8	2

COMMUNICABLE DISEASES REPORTED

	1984-85	1985-86	1986-87	1987-88
Amoebiasis (Amoebic Dysentery)	2	0	0	5
Campylobacter	6	13	19	12
Chickenpox	28	47	69	80
Diphtheria Cases	0	0	0	0
Erythema Infectiosum (5th disease) ..	--	--	--	1
Food Poisoning	0	0	0	1
Gastroenteritis (E. Coli)	28	1	2	6
Giardiasis	8	10	29	107
Hepatitis: A	98	85	14	16
B (cases)	0	2	4	2
B (carriers)	2	2	0	3
Infectious Mononucleosis	11	0	9	43
Measles (Rubeola)	0	1	108	77
Meningitis/Encephalitis				
- Haemophilus	4	0	2	2
- Pneumococcal	0	0	1	1
- Other Bacterial	1	1	2	1
- Viral	1	1	1	2
Meningococcus	0	1	2	1
Mumps	0	0	1	1
Pertusis (Whooping Cough)	0	2	2	1
Rubella	2	0	1	2
Salmonellosis	33	15	16	30
Shigellosis (Bacilliary Dysentery) ..	76	89	30	38
Typhoid (Case/Carrier)	--	--	--	2

COMMENTS ON COMMUNICABLE DISEASES

Measles. The measles outbreak began in the late spring of '86, slowed down during the fall of '86, resumed in the spring of '87, ending by midsummer of '87.

Rabies. Rabid skunks continued to be found south of Highway 14 (Wilkie-Macklin). Several persons received vaccine following exposure to cat bites.

Chickenpox. Has been occurring regularly over the past three years, but was on the increase in early '87.

Giardiasis. Known as "beaver fever". This diarrheal illness occurred regularly all year (average 2 per week). Although one thinks this disease is usually picked up by drinking untreated lake water, it is obviously spreading from person to person via feces, fingers and food.

Infectious Mononucleosis. Occurred regularly during the year, affecting, as usual, young adults.

Lice and Scabies. Were prevalent in the fall of '87.

REGIONAL DIRECTOR AND MEDICAL HEALTH OFFICER'S REPORT

A major new thrust in 1987-88 was AIDS education. As Medical Health Officer, I gave 42 presentations to health care workers (hospital, home care, nursing home, ambulance) and school officials (board, administrators and teachers). An AIDS Speaker's Bureau was formed from volunteer speakers. Ten persons from this region attended the inservice workshop put on for the volunteer speakers, but not all are available as volunteer speakers. By the end of March, 1988, the speakers had given 6 presentations. A public health nurse made one presentation.

During this year, I completed three policies (along with help from the Medical Advisory Committee) which were implemented throughout the health regions. These were: 1) Transportation and Storage of Biologicals, 2) Reporting of Adverse Reactions to Vaccines, and 3) Management of An Anaphylactic Reaction Following Immunization.

My term as Chairman of the Medical Advisory Committee expired and Dr. Watier, Medical Health Officer at Yorkton, replaced me in the fall of 1987.

Dental Health Education was added to the programs provided by the health regions commencing with the school year. Former dental therapists now provide dental education to kindergarten and elementary school children. Two Dental Health Educators were added to this region, one at Meadow Lake and one at North Battleford.

As before, I continue to visit doctors and hospital staff in both Rosetown and North Battleford regions. My goal is to visit the doctors annually in the towns where public health offices are located (Meadow Lake, Lloydminster, Unity, North Battleford, Biggar, Rosetown, Kindersley, Kerrobert, and Outlook). The others I try to visit annually, but at least once every two years.

My work as Medical Health Officer consists of assisting the public health inspectors to gain compliance from operators who violate public health regulations. In addition, I provide travel information to travellers and doctors, provide consultation to hospital staff nurses regarding staff immunization, T.B. testing and infection control, provide advice to public health nurses concerning adverse reactions to immunization and provide advice to doctors regarding use of vaccines and communicable disease control. Occasionally I provide advice to the Battlefords Indian Health Centre which does not have a Medical Health Officer.

My work as Regional Director consisted this year of the usual functions which include serving as secretary to the Regional Board; attending Regional Directors' meeting in Regina or Saskatoon; supervising directly the senior nurse, senior inspector, senior steno, nutritionist, early childhood psychologist, speech therapists, community therapists, and chiropodist; providing overall direction for the regional programs; and management of the budget, CVA vehicle utilization and facilities utilization. Many of the administrative functions of the Regional Directors' role are done by the senior steno.

P. F. Schnee
Regional Director and Medical Health Officer

NURSING SUPERVISOR'S ANNUAL REPORT

The objective of the Public Health Nursing Program is to facilitate optimum health in the population at large through health promotion and disease prevention activities, the focus of our core programs being on the maternal-child areas.

CLASSES FOR EXPECTANT PARENTS continue to be a high priority and are generally well attended although it is sometimes difficult to offer these on a regular basis in smaller communities where there are limited numbers of prenatals to attend.

OXYGEN AND NEBULIZATION equipment is now issued from our North Battleford office rather than a central SAIL depot. We are thus able to get equipment out to clients more quickly. However, this is not an emergency or high priority service which is sometimes difficult for clients and/or physicians to understand.

Ordering equipment through "Alberta Aids to Daily Living" (AADL) for Lloydminster, Alberta residents became a problem last June when both of our certified requisitioners were no longer on staff. AADL did not offer a certification workshop until November. Home Care was reluctant to order for anyone but their own clients. Nurses with the Minburn-Vermilion Health Unit "filled-in" for us and we thank them. Our newly certified requisitioners are complaining of the time it takes to access AADL compared to our SAIL program and we question our responsibility for AADL.

Pregnancies and resultant maternity leaves have meant continued STAFF TURNOVER, an on-going but unavoidable problem! When Irene Hauth retired in June, following 17½ years of service, the vacant position was transferred to another region, later reassigned to this region. We have been allocated TWO ADDITIONAL POSITIONS, one has been received, the second we still await.

Meadow Lake nurses were particularly stressed due to a severe SHORTAGE OF "SPACE" and delay in obtaining clerical assistance. Steno help finally arrived and the space shortage has been somewhat alleviated.

BREAKAWAY GENERATION SMOKING Education Programs have been presented to most grade V classrooms. Staff and students have found them stimulating. We applaud the enthusiasm and ability with which nurses have accepted this teaching challenge.

Two more nurses have requested JOB SHARING and we have received approval to proceed. Job sharing arrangements have been extremely useful during vacancies as job sharers have been willing to increase their work time to help cover vacant districts.

A CHILD ABUSE protocol was developed and introduced January 1, 1988. This gives PHNs clear directives how to proceed in the event of suspected or evident child abuse.

The DEVELOPMENTAL SCREENING component of our preschool core services is being reviewed to evaluate if the developmental screening tool being used (DDST) is meeting our needs.

Statistical documentation of CHILD HEALTH CONFERENCE services was again revised April 1, 1988, making it somewhat difficult to statistically compare one year to another.

The SCHOOL PROGRAM is still under review; no final decisions have yet been made. With an increasing emphasis on AIDS Education, nurses have been encouraged to be a resource to teachers but to leave teaching responsibilities with teachers.

PEDICULOSIS (Lice) and SCABIES have been prevalent in some schools again this year. Our department is currently reviewing and questioning the need for PHN involvement in screening and follow-up of pediculosis.

We confirmed that nurses working in Lloydminster, Alberta are required to be REGISTERED with the Alberta Association of Registered Nurses as well as in Saskatchewan. Hence, all nurses working in Lloydminster are now registered in both provinces.

Eight STUDENT NURSES from the University of Saskatchewan College of Nursing received five weeks of field practice in the region last May. Staff are always stimulated and challenged by this experience.

Once again nurses provided a large number of HEALTH EDUCATION Programs, both in schools and to community groups.

In order to keep knowledge and practice skills current, all nurses participated in a variety of INSERVICE EDUCATION Programs.

The past year has been interesting, stimulating, and definitely challenging. Nurses have demonstrated a spirit of co-operation, enthusiasm, and team work in providing high quality services.

Again, we acknowledge the support of co-workers in all disciplines and express sincere appreciation to Dr. Schnee for his untiring efforts on our behalf.

NURSING SERVICES STATISTICS

	1985-86	1986-87	1987-88
Nursing Days	3,646	3,796	3,593
Child Health Conferences		(Sept.1/86-Mar.31/87)	
Appointments Available	---	7,905	13,253
Appointments Scheduled	---	6,823	11,051
Appointments Seen	---	5,851	9,443
TOTAL Attendance Infant	4,824	---	4,495
Preschool	7,343	---	6,121
Prenatal Classes	237	209	193
Attendance: Prenatals	656	561	466
Coaches	531	478	401
Home Visits TOTAL	2,745	2,362	2,260
Prenatal	180	112	125
Postnatal	1,015	871	751
Adults: (Over 65)	228	245	227
(Under 65)	756	583	588
Special	58	21	20
S.A.I.L.	296	269	333
All Other	212	261	216
Official Visits	1,978	1,923	1,829
Group Education			
Meetings Attended	27	24	18
Total Attendance	372	341	284
School Services			
Teacher-Nurse Conferences	1,440	1,141	1,062
Students Seen	4,832	5,463	5,346
Health Education Programs	28	110	109
Students Attending	1,449	2,968	3,049

Gwen Johnstone
Regional Nursing Supervisor

SENIOR PUBLIC HEALTH INSPECTOR'S REPORT

Staffing. The complement of public health inspectors has increased by one half person over the previous year. The increase resulted from the transfer of the Senior Public Health Inspector to North Battleford from Rosetown in January 1988. Prior to this, the senior travelled to North Battleford two or three days each week. Rosetown Region is now twinned with the Saskatoon Rural Health Region. Kathy Moore of Lloydminster returned from maternity leave on August 1, 1987, on a part-time basis for the balance of the year. Darlene Meeds of North Battleford is on a four month maternity leave effective March 14, 1988.

Community Health Education. Training programs for food service personnel were conducted on four occasions. A total of 142 persons attended. The attendance at three swimming pool operator courses was disappointing as only 17 persons attended. A Rabies Awareness program prepared for primary school children K to Grade 6 was presented 33 times during the year; an estimated 3000 children attended. Radio spot announcements were broadcast by Public Health Inspectors in June covering such topics as water, food safety and shoreland pollution control.

Indoor Air Quality. Testing for carbon monoxide in skating rinks revealed one facility with high levels. The CO is produced by improperly tuned motors on ice surfacing equipment. Ventilation is often inefficient or fans are not turned on prior to cleaning the ice. -- The investigation of odour complaints resulted in the detection of two natural gas leaks, three sewer gas leaks due to faulty plumbing, the discovery of a septic tank beneath a porch and fumes from a tar pot entering a school. The latter was corrected by the contractor moving his tar pot downwind from the school.

Food Control. The surveillance of food facilities, such as food stores, eating establishments and food processing facilities increased by more than 10% during the past year. Included are complete inspections and follow-up visits regarding deficiencies. As a result of our activities, three eating establishments closed voluntarily for a short time in order to effectively clean the premises.

Shoreland Activity. Surveys and investigations of complaints regarding questionable sewage disposal practices are ongoing. There were an additional 39 sewage holding tanks and 10 privy vaults installed at Jackfish Lake during the past season.

In closing, I wish to commend the public health inspectors for their dedication during the past year. They have worked hard to solve the assortment of problems with which they were confronted and are prepared to face the challenges of the coming year.

Respectfully submitted

John R. Johnson
Sr. Public Health Inspector

PUBLIC HEALTH INSPECTION SERVICES STATISTICS

Facility Type	No. of Facilities	No. of Inspec. Year-to-Date	Avg. of YTD Inspection	Hours per Facility
Eating establishment	339	498	0.8	2.3
Food Distribution	184	175	0.7	1.1
Food Processing	48	64	0.8	2.9
Liquor Outlets	85	85	0.5	0.8
Public Water Supply	40	4	0.5	1.2
Public Sewerage System	1	1	1.0	10.0
Hospitals	17	14	1.6	1.8
Schools	89	53	1.1	1.2
Institutions	64	48	1.0	1.7
Mobile Home Courts	7	2	1.0	4.1
Trailer Courts	2	2	1.0	1.5
Hotels	58	61	0.6	1.5
Motels	39	39	0.7	1.2
Industrial Facilities	1	0	0	5.0
Swimming Pools	22	36	1.1	7.2
Personal Service Facilities	74	25	0.4	0.2
Recreational Facilities	179	118	0.7	1.2
Public Facilities	32	7	0.9	3.8
ALL FACILITIES	1,281	1,232	0.8	1.8

Activity Type	Hrs. Time Spent YTD	% Time Spent YTD
All Facilities	2,338	28.5
Private water supply	68	0.8
Private Sewerage Systems	225	2.7
Housing	213	2.6
Agricultural facilities	12	0.1
Plumbing	414	5.0
Investigations	64	0.8
TOTAL - Facility Related Services	3,334	40.7
General Services:		
Travel	1,162	14.2
Meetings	217	2.6
Surveys	65	0.8
Monitoring	30	0.4
Training Courses	147	1.8
Other	6	0.1
TOTAL - General Services	1,627	19.8
Office Services:		
Project	81	1.0
Staff Meetings	132	1.6
Staff Development	323	3.9
General Administration	2,702	33.0
TOTAL - Office Services	3,238	39.5
GRAND TOTAL-ALL SERVICES	8,199	100.0

NUTRITIONIST'S REPORT

The district area covered by the nutritionist for the majority of the fiscal year 1987 - 1988 remained both the North Battleford and the Rosetown Health Regions. Then on November 1, 1987, the Rosetown Health Region was reassigned to the responsibility of the Saskatoon Rural Health Region Nutritionist.

During the past fiscal year nutrition information and updating was promoted and interpreted to the public health staff and the general community. To reach as wide an audience as possible various means of communication were incorporated — newspaper, radio and the television media, group presentations that included teachers, community groups, home care workers, nursing staff conferences and district office visits/meetings. Consumer calls for information, printed material or clarification of therapeutic diet information are a constant source of community contact.

Professional updating, a necessary aspect of maintaining current knowledge, was sought through journals, nutritionists' meetings and information sharing with professional peers in government and hospital. Budget and time restraints prevented attendance at conferences and seminars.

The main criteria of public health nutrition is the prevention of chronic and debilitating food related diseases. Information about Body Mass Index (BMI), Diet and Cancer, Food Additives, Feeding Seniors, Teacher Workshops, Prenatal and Preschooler Food Intake were all part of the nutrition component.

In closing, a personal note. After nine years of being on the North Battleford Health Region staff, I will be leaving. I have accepted a position with Health and Welfare Canada, Medical Services in Regina.

With regrets I leave a position that I have enjoyed and learned from. These past years have been a memorable time in my professional career.

Maggie Pioro
Regional Nutritionist

NUTRITIONIST SERVICES STATISTICS

(Includes Rosetown Health Region #7 To November 1, 1987)

I.

Presentations	86-87 Total Attendance	H.R. #13	H.R. #7	87-88 Total Attendance
Professional Community Groups	15	4	3	137
Community Groups	261	14	2	391
Interagency/Interdisciplinary	37	2	-	79

II. Media and Special Material Production

	86-87	87-88
Newspaper Releases (#13, #7)	52	52
Radio Spots (#13, #7)	42	22
Interviews - Television, Newspaper	2	5
Bulletin Board Displays	3	4
Resource Material Development	1	2

III. Inservice and Orientation

Public Health Nursing Conference presentations #13 - 1, #7 - 3.
Orientation for New Staff and Students - 18.

IV. Information/Consultations

Queries for information material or nutrition aids:	85-86	86-87	87-88
Public	494	445	264
Staff			43
Health Professionals			20
Education Personnel			36
Diet Therapy Consultations	47	24	43

Two and one half months of Time Without Pay was taken to travel to New Zealand and Australia (August 15, 1987 to November 5, 1987).

EARLY CHILDHOOD PSYCHOLOGIST'S REPORT

The 1987-88 fiscal year saw many changes in early childhood psychology services for the North Battleford Health Region. Tarie Kinzel resigned effective July 31 and the position remained vacant until December 31, 1987. I was then transferred to this region in January, 1988 and have been providing services here since. I would once again like to extend my sincere thanks to all the staff of Health Region #13 for making my transfer a very positive experience.

Several significant changes have occurred in the casework demands since Tarie's resignation. Firstly, my jurisdictional responsibilities have been expanded to include the community of Ile-a-la-Crosse and neighboring areas. Secondly, the number of Early Childhood Intervention Programs for which I provide consultative services has increased from three to four (the fourth being Wecihik Awasisak in Ile-a-La-Crosse). The number of families serviced by these four programs now stands at 105. Although I feel the time spent up north is challenging and valuable, it does place extra demands on my time and energy. I will have to continue, therefore, to try to service the area in the most efficient and creative way I can find.

The Provincial nursing program is currently involved in evaluating the developmental screening tool they are employing in child health clinics. Therefore, the primary focus of early childhood psychology services throughout the province will be to assess those children who are referred on the basis of this developmental screening. Once recommendations regarding the efficacy of screening services are tabled, plans for the publication of the results will be initiated.

Serious efforts were made by myself and Tarie in 1987-88 to provide public education services of a preventative nature through public and interagency contacts. The upcoming year will see the continuation of these efforts in the form of presentations on child growth and development and behavior management to interested professionals, paraprofessionals and the general public as required. Early childhood psychology discipline goals for 1988-89 also include publishing a series of newspaper columns for provincial distribution.

One of my ongoing objectives as an early childhood psychologist in this health region will be to provide quality clinical and consultative services as an active member of the multi-disciplinary team involved with the exceptional child. I, therefore, look forward to the opportunity to attend courses, worksho and seminars on childhood cognitive, emotional, social and behavioral development which are approved by the administration in order to increase my theoretical and practical knowledge regarding early childhood development.

In conclusion, the 1987-88 fiscal year has indeed been one of "change and challenge". As regional demands for psychological services continue to escalate efforts will be made to provide services in a caring, efficient and effective manner. I look forward to my continued involvement with the dedicated team of health professionals in this region.

Rupal Bonli
Early Childhood Psychologist

EARLY CHILDHOOD PSYCHOLOGY STATISTICS
April, May, June, 1987 and January, February, March, 1988

TYPE OF WORK	% TIME SPENT
Casework	41
Primary Prevention	9
Consultation	13
Community Development	3
Research	1
Inservice Education	3
Travel	12
Administration	18

SERVICE INFORMATION

Total number of district services provided (initial and follow-up) 154

Location of Direct Service

-Regional Office	63
-District Office	83
-Home	1
-Other	7

Total number receiving consulting services - ECIP	105
- Other	319
Total number of no shows for appointments	26
Total number of clients waiting direct service	41

CLIENTELE INFORMATION

A. Presenting Problem

DDST Screening	38
Other Developmental	21
Behavioral	21
Multiple	28
TOTAL	108

B. Referral Sources

Community Health Nurses	63
Speech and Language Pathologist(s)	8
Other CHSB	1
Parent/Guardian	10
Other (Daycares, Physicians, ECIPs, Social Services)	26
TOTAL	108

PRIMARY PREVENTION

Number of primary prevention sessions	3
Number of participants involved	65

SPEECH AND LANGUAGE PATHOLOGY SERVICES

Nineteen eighty-seven has been a busy and somewhat frustrating year in the delivery of speech and language pathology services throughout the region.

Diana Gibbs, Speech and Language Pathologist, who began work in the Lloydminster office in January 1987, resigned at the end of June. Minimal coverage for the Lloydminster and Unity offices was provided from the North Battleford office until January 1988 when Orlene Martens was hired on a temporary part-time basis. She will be finished in May and it is hoped she will be replaced as quickly as possible.

The number of clients waiting and the length of waiting periods for assessment and direct therapy increased significantly this year. In many instances therapy delivery was "on again - off again". This was frustrating for both client and clinician. A new priority rating system was established in July to assist in case selection for assessment and treatment.

Some assistance was temporarily supplied by Colleen Kells, Speech and Language Pathologist from Saskatoon, while I was away for three weeks in April 1987. Her support and help was greatly appreciated.

Regular casework which involves assessment, programming and reviews demanded the majority of my time this year. Time was also spent in consultation with Early Childhood Intervention workers, nursing staff, daycare and nursery special needs workers, the early childhood psychologist, Sheltered Workshop staff and the speech aide at the Battlefords Regional Care Centre.

I had the opportunity to make three different presentations to three groups over the last year. Two were to Early Childhood Intervention Program parent groups and the third was to the staff at the Battlefords Regional Care Centre. The opportunities for public education are limited due to case work demands. It is hoped that when full-staffed more of this type of activity will be possible.

I would like to take this opportunity to thank Dr. Schnee and the rest of the Health Region staff for their support and patience in what has been a challenging year. It is a pleasure to work within this health region as we all strive to deliver the best possible service. I look forward to the continued challenges of 1988-89.

Cathy Richardson
Speech Language Pathologist

SPEECH AND LANGUAGE SERVICES STATISTICS

DISTRIBUTION OF WORKING TIME

	1986-1987	N. B'ford 1987-1988	Lloyd. * 1987-1988
Casework	65.9%	74.15%	80.6%
Travel	7.0%	7.0%	6.7%
Public Education	4.1%	1.6%	.4%
Administration	21.0%	15.7%	11.6%
Professional Development	2.0%	1.6%	.7%

*Based on the six months there was a S.L.P. in Lloydminster.

CASELOAD INFORMATION

	1986-1987	1987-1988
Number of New Referrals	360	321
Source of Referrals:		
regular	97	55
3-yr. Communication Screen (implemented Jan. 1/86)	158	153
Parent	27	36
Doctor	16	14
Early Childhood Psychologist	4	7
Other	57	56

STATUS OF CASES

	WAITING FOR ASSESSMENT	WAITING FOR TREATMENT	IN TREATMENT	OVERDUE FOR REVIEW	TOTAL
MARCH 31, 1986	174	2	86	52	316
MARCH 31, 1987	81	20	208	57	309
MARCH 31, 1988	99	52	142	47	293

CHIROPODY - "FOOT NOTES"

1987 marks the third full year of Chiropody Services in the North Battleford Health Region. Since 1984, over 3,000 residents are attending Chiropody Clinics.

Treatment is provided at clinics held on a regular basis in North Battleford, Unity, Meadow Lake and Lloydminster.

The chiropody service is available to the residents of the health region providing they have a valid health services card. Patients are seen on a referral basis. Referrals are accepted from: (1) general practitioners (2) public health nurses or (3) home care coordinators.

Referrals are priorized and placed in one of four categories:

(1) medically at risk - elderly
(2) medically at risk - general population
(3) well elderly
(4) general public - not medically at risk

The elderly are those people 65 years and older. Medically at risk is defined as "all acute and septic conditions related to systemic general disorders such as diabetes, peripheral vascular disease, etc."

All nursing homes and hospitals in this region have been contacted and offered inservice presentations. Presentations, outlining the chiropody service, have been made this past year to hospital and nursing home medical staff, senior citizens groups and diabetic associations. Mrs. Glenna Swanson has handled her responsibilities as Chiropody Assistant very well throughout this past year.

New operating chairs acquired this past year from the dental program are appreciated by both patients and practitioner. These chairs are now being used in Lloydminster, Meadow Lake and Unity.

On average, 20 patients are being seen per clinic day. Every effort is being made to see patients within one week of referral. We look forward to meeting the demand for chiropody treatment throughout this health region.

Dr. Kenneth V. Richardson
Chiropodist

CHIROPODY STATISTICS

CLINICS	CATEGORIES				
	1 At Risk Elderly (65+)	2 At Risk General Pop.	3 Well Elderly	3 Well General Pop.	TOTAL
NORTH BATTLEFORD					
New Patients	195	37	104	242	578
No. of Return Treatments	501	188	259	440	1388
					1966
LLOYDMINSTER					
New Patients	52	12	23	66	153
No. of Return Treatments	74	27	20	83	204
					357
MEADOW LAKE					
New Patients	29	2	11	22	64
No. of Return Treatments	45	2	23	35	105
					169
UNITY					
New Patients	41	-	25	24	90
No. of Return Treatments	51	14	29	39	133
					223
HEALTH REGION TOTAL					
*1) New Patients	317	51	163	354	885
*2) No. of Return Treatments	671	231	331	597	1830
					2715

*1) New Patients include those seen for the first time as well as those returning more than a year after having been discharged.

*2) Number of Return Treatments include all treatments on returning patients within one year of the initial visit.

COMMUNITY THERAPY REPORT

C - Community Therapy is beginning to feel like an integral part of community health services since the

O - October 1st, 1986 merger into the public service. The

M - main focus of service continues to be . . . rural hospitals (under 50 beds), special care homes (under 100 beds) and

M - many existing community services, i.e., home care, early intervention schools and the general public.

U - Under this system the larger centres have been designated as outpatient centres.

N - Now this allows the therapists to visit the rural areas regularly (usually weekly) to see mainly

I - inpatients and outpatients in the community.

T - The other areas in the province have not been designated as outpatient centres,

Y - yet the therapists will visit approximately three times a year on request.

T - to provide mainly education to the community and to the

H - hospital staff on rehabilitation principles.

E - Education has been improved as we collectively provided one major STELLA (satellite education broadcast) on

R - rehabilitation techniques in the areas of lifting, transferring and feeding for special care personnel in the rural areas.

A - Although this undertaking had many small problems, the therapists now have a video tape to use as an adjunct to the

P - program's education service (in an area not regularly serviced by our program). During the past

Y - year (April '87 - May '88) we were short one therapist, reducing our staffing from 2.5 person years to 1.5 person years. Haila McHugh served Meadow Lake, North Battleford, Unity, Wilkie, Hafford, Rabbit Lake and Cut Knife. Kathy Dumouchel (half-time) served Lloydminster, Maidstone and Neilburg. Macklin, Turtleford, Paradise Hill, Loon Lake, Goodsoil, and St. Walburg received no regular service.

Kathy Dumouchel
Haila McHugh
Community Therapists

COMMUNITY THERAPY STATISTICS
(APRIL 1, 1987 - MARCH 31, 1988)

1.	**Treatment Attendances**	
	a) Hospital in-patient visits	138
	b) Hospital out-patient visits	931
	c) Other visits (includes special care home, community, home care, developmental centre, early childhood intervention program, industry, community group, other)	445
	Total Attendances	1514
2.	**Direct Weighted Units** (one unit is equal to one minute of patient/client direct care)	57800
3.	**Indirect Weighted Units** (one unit is equal to one minute of patient/client indirect care [time involved in those activities which support or supplement the diagnosis/evaluation/ treatment of a specific patient/client)]	31700
	Total Weighted Units	89500
4.	a) New Referrals (patient/client)	535
	b) Carried Over Referrals (patient/client)	918
	Total Referrals	1453
5.	Hours spent in Education to:	
	a) Staff Development	56.3
	b) Public Education	28.5
	Total Education Hours	84.8
6.	Hours spent in Consultation for:	
	a) Expert/Technical Advice	86.5
	b) Board/Committee Functions	32.3
	Total Consultation Hours	118.8
7.	a) Hours spent in Other (Quality assurance, clinical teaching, research)	8.5
	b) Hours spent in support functions (program planning, employee meetings, statistics, preparation/clean-up, other)	692.8
	c) Hours spent in travel	538.8
	Total other Hours	1240.1
8.	Total Non-Patient care time (5+6+7) Hours x 60 = Units	1443.7 hrs. (86622 units)
9.	Total Worked Units (patient + non-patient care) (2+3+8)	2935.3 hrs. (176122 units)

DENTAL HEALTH EDUCATION

The Dental Health Education Program began in North Battleford Region on August 31, 1987.

North Battleford Health Region has two dental health educator positions. They provide dental health education to 78 schools in this health region plus Sled Lake and Dore Lake out of the Prince Albert Health Region. The target groups are kindergarten, Grade 1, Grade 3 and Grade 4.

Bernadette LeBoeuf is headquartered in Meadow Lake and works in Turtleford, Meadow Lake, Lloydminster Public, Lloydminster Separate, Battle River and part of Northern Lights school divisions.

Pam Pierson headquartered in North Battleford and works in Battleford, Kerrobert, Wilkie Public, Wilkie Separate, Unity Separate, Paynton, Blaine Lake, North Battleford Public, North Battleford Separate, Northern Lakes and Biggar school divisions.

Our first presentations include kindergarten, Grade 1, Grade 3 and Grade 4. It consists of dental awareness, brushing, flossing and proper home care.

Our second presentations include kindergarten and Grade 1. It consists of a review of our first presentation and continues on to diet and dental health.

We have continued the fluoride mouthrinse programs in 8 schools and have initiated five new programs and anticipate four more in the fall.

Continued Fluoride Mouthrinse Programs: Barr Colony, St. Thomas, Avery, Lloydminster; Connaught School, North Battleford; St. George, Wilkie; St. Peters, Unity; Lakeview Hutterite Colony, Unity; Hillsvale Hutterite Colony, Cut Knife schools.

New Fluoride Mouthrinse Programs: Winston Churchill, Queen Elizabeth, Rendall Park, Lloydminster; Spruce Lake & Loon Lake schools.

The major emphasis of the program is to ensure that the children receive dental health instructions and to promote fluoride mouthrinse programs in the schools.

Dental Health Education Statistics

Total number of schools = 80

First Presentations

Classrooms	# Of Presentations	# Of Students
Kindergarten	101	1650
Grade 1	87	1805
Grade 3	88	1652
Grade 4	75	1564

Second Presentations (As of April 4/88)

Classrooms	# Of Presentations	# Of Students
Kindergarten	15	185
Grade 1	17	269

Preschool Presentations-	# Of Presentations	# Enrolled
	7	210

Pam Pierson and Bernadette LeBoeuf
Dental Health Educators